

**EPA REGISTRATION FILE 81824-4
VOLUME 2**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAY 18 2006

Ensystex II, inc.
c/o Ms. Janelle Kay
Pyxis Regulatory Consulting, Inc.
4110 136th Street NW
Gig Harbor, WA 98332

Dear Ms. Kay:

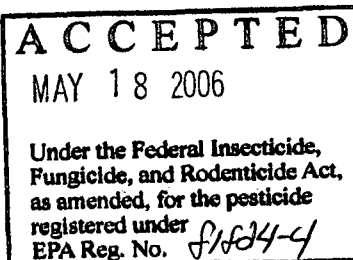
Subject: Amendment - Add Golf Courses and Food Handling Establishments
ENS-100
EPA Registration Number 81824-4
Your submission dated January 13, 2006

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy of the label is enclosed for your records.

Sincerely,

George LaRocca.
Product Manager 13
Insecticide Branch
Registration Division (7505C)

ENS-100



ACTIVE INGREDIENT:

Bifenthrin: (2-methyl[1,1'-biphenyl]-3-yl) methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropane carboxylate*96.5%

OTHER INGREDIENTS:3.5%

TOTAL:100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

WARNING

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

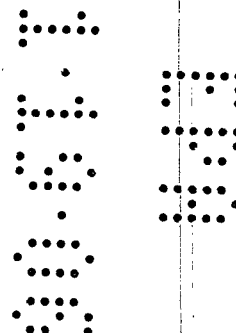
EPA Reg. No. 81824-4

EPA Est. No.

Manufactured for:

Ensyslex II, Inc.
Fayetteville, NC 28303

Net Weight:



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING**

May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Only for formulation into an insecticide/miticide for (1) The following uses:

Terrestrial Non-Food:

Termiticide and Soil Contact Nonfumigation Treatment
Wood Treatment and Protection
Outdoor Insect Control
Ornamental plants, trees, shrubs and vines (woody)
Golf courses
Residential Lawns
Indoor Insect Control

Food Handling Establishments: Places other than private residences in which food is held, processed, prepared or served.

Non-Food/Feed Areas: May be used to manufacture end-use products labeled for use as a spot or crack and crevice treatment in non-food areas, including: floor drains (to sewers), garbage rooms, lavatories, entries vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closes, and storage (after canning or bottling).

(2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and

(3) Uses for experimental purposes that are in compliance with USEPA requirements.

Formulators using this product are responsible for obtaining USEPA registration for their formulated product which may be labeled for the use patterns as found listed on this label.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Do not store product below 40°F. Store in original container only.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into formulation equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

Terms and Conditions Of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of the purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

Warranty Disclaimer

ENSYSTEX II warrants that this product conforms to the chemical description on the label and that it is reasonably fit for the purposes stated on the label when used in strict accordance with the directions for use, subject to the inherent risks set forth below. ENSYSTEX II MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of factors such as use of the product contrary to the label directions, adverse conditions (such as unfavorable temperatures, soil conditions, excessive rainfall, etc.), presence of other materials, the manner of application or other factors, all of which are beyond the control of ENSYSTEX II or the seller. All such risks shall be assumed by the Buyer and User.

Limitation Of Remedies

The exclusive remedy for losses or damages resulting from the use of this product (including claims based on contract, negligence, strict liability or other legal theories), shall be limited to, at ENSYSTEX II's election, one of the following: Refund of purchase price paid by the buyer or user for product bought or replacement of amount of product used.

ENSYSTEX II shall not be liable for losses or damages resulting from handling or use of this product unless ENSYSTEX II is promptly notified of such loss or damage in writing. To the extent permitted by law, ENSYSTEX II shall not be liable for consequential or incidental damages or losses even if ENSYSTEX II knew of, was advised of, or should have been aware of the possibility of such damages.

The terms of the Terms and Conditions of Use, Warranty Disclaimer, Inherent Risks of Use and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of ENSYSTEX II or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Ensystex II, Inc.; 2709 Breezewood Ave.; Fayetteville, NC 28303; (253) 853-7369	EPA Registration Number/File Symbol 81824-4
Active Ingredient(s) and/or representative test compound(s) Bifenthrin	Date January 13, 2006
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) TGA1	Product Name ENS-100

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☒ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☐ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date 1/13/06	Typed or Printed Name and Title Janelle Kay; Agent
---------------	-----------------	---

ENSYSTEX II, Inc.

2709 Breezewood Ave., P. O. Box 2587, Fayetteville, NC 28302-2587
Telephone - 1-910-484-6163 x 203 Fax - 1-910-484-3378

August 18, 2004

To Whom It May Concern:

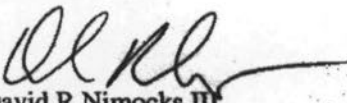
Re Letter of Authorization

Dear Sir or Madam:

Please let this letter serve to confirm that Pyxis Regulatory Consulting, Inc. is authorized to act as agent for Ensystex II, Inc. (EPA Company Number pending), before the U.S. Environmental Protection Agency and state governmental agencies in all matters regarding our pesticide registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq. and state law.

If you have any questions, please do not hesitate to contact me.

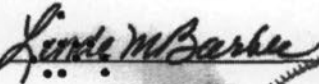
Sincerely,


David R Nimocks III
President

cc: Pyxis Regulatory Consulting, Inc.

State of North Carolina
County of Cumberland

I, Linda Barber, a Notary Public for said County and State, do hereby certify that David R. Nimocks, III personally appeared before me this day, August 18, 2004 and acknowledged the due execution of the foregoing instrument.

.....

.....
.....
.....





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

January 20, 2006

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JANELLE KAY
PYXIS REGULATORY CONSULTING, INC.
ENSYSTEX II, INC.
4110 136TH ST, NW
GIG HARBOR, WA 98332-

PRODUCT NAME: ENS-100
COMPANY NAME: ENSYSTEX II, INC.
EPA FILE SYMBOL: 81824-4
EPA RECEIPT DATE: 01/19/06

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Registration Division, Risk Management Team 13, at (703) 305-6100.

Sincerely,

A handwritten signature in blue ink, appearing to read "J. W. W. W.".

Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Fee for Service



This package includes the following

- ☐ New Registration
- ☒ Amendment

- ☐ Studies? ☐ Fee Waiver?
- ☐ volpay % Reduction: _____

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 13

Receipt No.

S-

789170

EPA File Symbol/Reg. No.

81824-4

Pin-Punch Date:

1/19/06

☒ This item is NOT subject to FFS action.

Action Code:

Requested:

Granted:

Amount Due: \$ _____

Parent/Child Decisions:

Reviewer: RKumar Date: 1-20-06

Remarks: Amendment CSF (A) 01/20/06

NON - FEE



United States
Environmental Protection Agency
Washington, DC 20460

☒ Registration
☐ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 81824-4	2. EPA Product Manager G. Larocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ensystex II, Inc. / ENS-100	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Ensystex II, Inc. c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 279-3055 Product Name Bifenthrin Technical Insecticide/Miticide	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This product and the additional use directions are substantially similar to currently registered products (see cover letter). As no data are submitted with this amendment, nor will data need to be reviewed to approve the proposed labeling, Ensystex II believes this action qualifies as a Fast Track amendment and is not subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act of 2003. Please email Janelle@PyxisRC.com if there are any questions.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Janelle Kay	Title Agent	Telephone No. (Include Area Code) (253) 853-7369	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Agent		
4. Typed Name Janelle Kay	5. Date 11/13/04		

PYXIS REGULATORY CONSULTING, INC.

4110 136th St. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

January 13, 2006

COURIER DELIVERY

George LaRocca (PM 13)
Document Processing Desk (AMEND)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1801 Bell Street
Arlington, VA 22202

RE: Ensystex II, Inc. – ENS-100 (EPA Reg. No. 81824-4)
Application to add additional uses

Dear Mr. LaRocca,

On behalf of Ensystex II, Inc. we are submitting an application for amendment to add the following uses to the labeling for ENS-100 (EPA Reg. No. 81824-4):

- Golf courses
- Food handling establishments

Please note that these uses are listed on the label for the substantially similar product: Bifenthrin Technical Insecticide Miticide (EPA Reg. No. 279-3055).¹ In support of this amendment, we submit the following documents:

1. Application for Registration (EPA Form 8570-1)
2. Five (5) copies of the proposed ENS-100 label with changes incorporated
3. One (1) copy of the proposed ENS-100 label with changes tracked [Editor's note: Added text is underlined and deleted text is noted in the right margin.]
4. Agency Internal Use Copy of the Data Matrix
5. Public File Copy of the Data Matrix
6. Certification with Respect to Citation of Data (EPA Form 8570-34)
7. Letter of Authorization

We trust you will find this amendment complete. However, please feel free to contact me if you have any questions or need any additional information.

Regards,


Janelle Kay

Enclosures

cc: David Nimocks; Ensystex II, Inc.

¹ Note: Golf courses, per se, are not listed on FMC's Bifenthrin Technical label. However, golf courses are an approved use for bifenthrin (see labels such as EPA Reg. No. 279-3156, Talstar GC Flowable Insecticide/Miticide) and Ensystex II wanted to ensure that its technical label was as comprehensive as possible, despite the apparent oversight for listing this use on substantially similar products.

ENSYSTEX II, Inc.

2709 Breezewood Ave., P. O. Box 2587, Fayetteville, NC 28302-2587
Telephone - 1-910-484-6163 x 203 Fax - 1-910-484-3378

August 18, 2004

To Whom It May Concern:

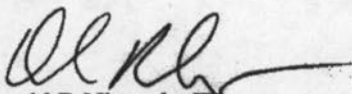
Re Letter of Authorization

Dear Sir or Madam:

Please let this letter serve to confirm that Pyxis Regulatory Consulting, Inc. is authorized to act as agent for Ensystex II, Inc. (EPA Company Number pending), before the U.S. Environmental Protection Agency and state governmental agencies in all matters regarding our pesticide registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq. and state law.

If you have any questions, please do not hesitate to contact me.

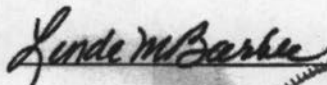
Sincerely,

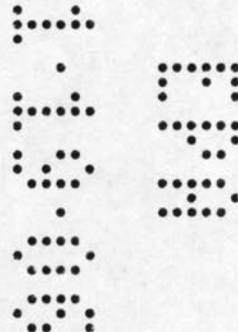

David R Nimocks III
President

cc: Pyxis Regulatory Consulting, Inc.

State of North Carolina
County of Cumberland

I, Linda Barber, a Notary Public for said County and State, do hereby certify that David R. Nimocks, III personally appeared before me this day, August 18, 2004 and acknowledged the due execution of the foregoing instrument.





09
11908

Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

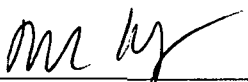
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 13, 2006	EPA Reg No./File Symbol 81824-4	Page 1 of 6
Applicant's/Registrant's Name & Address Ensysstex II, Inc. 2709 Breezewood Ave. Fayetteville, NC 28303	Product ENS-100	

Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Specific Data Requirements					
830.1550	Product Identity and Composition	46415301	Ensysstex II, Inc.	OWN	
830.1600	Description of Materials Used to Produce the Product	46415301	Ensysstex II, Inc.	OWN	
830.1620	Description of Production Process	46415301	Ensysstex II, Inc.	OWN	
830.1650	Description of Formulation Process				Not required ¹
830.1670	Discussion of Formation of Impurities	46415301	Ensysstex II, Inc.	OWN	
830.1700	Preliminary Analysis	46415302	Ensysstex II, Inc.	OWN	
830.1750	Certified Limits	46415301	Ensysstex II, Inc.	OWN	
830.1800	Enforcement Analytical Method	46415302	Ensysstex II, Inc.	OWN	
830.6302	Color	46415303	Ensysstex II, Inc.	OWN	
830.6303	Physical State	46415303	Ensysstex II, Inc.	OWN	
830.6304	Odor	46415303	Ensysstex II, Inc.	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	46415303	Ensysstex II, Inc.	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility				Not required ²
830.6315	Flammability				Not required ²

Signature 	Name and Title Janelle Kay, Consultant	Date 1/13/06
--	---	-----------------

09
11905

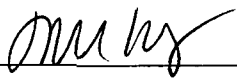
Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 13, 2006			EPA Reg No./File Symbol 81824-4		Page 2 of 6
Applicant's/Registrant's Name & Address Ensysstex II, Inc. 2709 Breezewood Ave. Fayetteville, NC 28303			Product ENS-100		
Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6316	Explodability				Not required ²
830.6317	Storage Stability				Not required ²
830.6319	Miscibility				Not required ²
830.6320	Corrosion Characteristics				Not required ²
830.6321	Dielectric Breakdown Voltage				Not required ²
830.7000	pH	46415303	Ensysstex II, Inc.	OWN	
830.7050	UV/Visible Absorption	46415303	Ensysstex II, Inc.	OWN	
830.7100	Viscosity				Not required ²
830.7200	Melting Point/Melting Range	46415303	Ensysstex II, Inc.	OWN	
830.7220	Boiling Point/Boiling Range				Not required ³
830.7300	Density/Relative Density/Bulk Density	46415303	Ensysstex II, Inc.	OWN	
830.7370	Dissociation Constants in Water	46415303	Ensysstex II, Inc.	OWN	
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	46415303	Ensysstex II, Inc.	OWN	
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7550
Signature 			Name and Title Janelle Kay, Consultant		Date 1/13/06

09
11905

Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 13, 2006	EPA Reg No./File Symbol 81824-4	Page 3 of 6
Applicant's/Registrant's Name & Address Ensysstex II, Inc. 2709 Breezewood Ave. Fayetteville, NC 28303	Product ENS-100	

Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	46415303	Ensysstex II, Inc.	OWN	
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure				Waiver request ⁴
870.1100	Acute Oral Toxicity: Rat	Cite-All		PAY	
870.1200	Acute Dermal Toxicity: Rat	Cite-All		PAY	
870.1300	Acute Inhalation Toxicity: Rat	Cite-All		PAY	
870.2400	Primary Eye Irritation: Rabbit	Cite-All		PAY	
870.2500	Primary Dermal Irritation	Cite-All		PAY	
870.2600	Dermal Sensitization	Cite-All		PAY	

Signature 	Name and Title Janelle Kay, Consultant	Date 1/13/06
--	---	-----------------

09
1.19.06

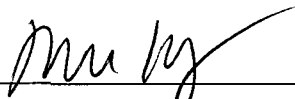
Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 13, 2006			EPA Reg No./File Symbol 81824-4		Page 4 of 6
Applicant's/Registrant's Name & Address Ensystem II, Inc. 2709 Breezewood Ave. Fayetteville, NC 28303			Product ENS-100		
Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Bifenthrin Generic Data Requirements					
Ensystem II, Inc. will make offers-to-pay to the following companies on the data submitters list of September 30, 2005					
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Amvac Chemical Corp.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Arizona Chemical Group, Inc.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Atex, Inc.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Bayer Environmental Science	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Control Solutions, Inc.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		FMC Corp. Agricultural Products Group	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Howard Fertilizer & Chemical	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Lesco, Inc.	PAY	
Signature 			Name and Title Janelle Kay, Consultant		Date 1/13/06

09
11906

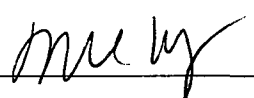
Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 13, 2006			EPA Reg No./File Symbol 81824-4		Page 5 of 6
Applicant's/Registrant's Name & Address Ensyslex II, Inc. 2709 Breezewood Ave. Fayetteville, NC 28303			Product ENS-100		
Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		Makhteshim-Agan of North America, Inc.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		Makhteshim Chemical Works Ltd.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		McLaughlin Gormley King Co.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		Micro-Flo Company, LLC	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		Nippon Soda Co. Ltd.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		The Andersons Lawn Fertilizer Division, Inc.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		The Ortho Business Group	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		The Scotts Company	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensyslex II, Inc. for Bifenthrin data requirements		Sunniland Corp.	PAY	
Signature 			Name and Title Janelle Kay, Consultant		Date 1/13/06

09
1-19-06

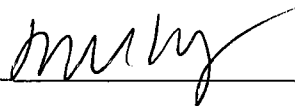
Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 13, 2006			EPA Reg No./File Symbol 81824-4		Page 6 of 6
Applicant's/Registrant's Name & Address Ensystem II, Inc. 2709 Breezewood Ave. Fayetteville, NC 28303			Product ENS-100		
Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		United Phosphorous Inc.	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Spray Drift Task Force	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Outdoor Residential Exposure Task Force	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Agricultural Reentry Task Force	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Non-Dietary Exposure Task Force (NDETF)	PAY	
Bifenthrin Generic Data Requirements	Cite-All Method utilized by Ensystem II, Inc. for Bifenthrin data requirements		Agricultural Handlers Exposure Task Force (AHETF)	PAY	
Signature 			Name and Title Janelle Kay, Consultant		Date 1/13/06

Endnotes for Data Matrix for ENS-100

-
- ¹ **830.1650** - Per OPPTS 830.1000, these data are not required for the registration of a technical product. See 830.1620 for production process information.
- ² **830.6314, 830.6315, 830.6316, 830.6317, 830.6319, 830.6320, 830.6321, 830.7100** – Per OPPTS 830.1000, these data are not required for the registration of a technical grade active ingredient.
- ³ **830.7220** – Boiling point/range data are only required for liquids. ENS-100 is a solid; see 830.7200 for melting point data.
- ⁴ **830.7950** - Waiver request. Ensystex II, Inc. is seeking a waiver for the vapor pressure requirement on the basis that data are not required for materials that are a solid at room temperature and have a low vapor pressure.

